



# CODEBOT MISSION 2 LOG - Lesson 2

## Pre-Mission Warm-Up

What are some peripherals on CodeBot?

Answers could include:

- LEDs
- Buttons
- Speaker
- Line sensors
- Proximity sensors
- Motors

What is the difference between inputs and outputs?

Inputs give information or data to the CodeBot. Outputs receive data from the CodeBot and do something with the information.

## Mission 2 Lesson 2 – Your First Program (Objectives 6-10)

### Mission 2 Objective 6

Connecting CodeBot to the computer with a USB cable does what two things?

1. Lets the computer communicate with the CodeBot.
2. Provides power to the Codebot.

### Mission 2 Objective 7

- Follow the instructions to link your CodeBot to CodeSpace.

### Mission 2 Objective 8

Where is your code saved?

Code is saved as files in my personal file-system in the CodeSpace cloud.

When does your code get saved?

Files are saved automatically, all the time.

### Mission 2 Objective 9

What is the purpose of CodeTrek?

CodeTrek is a programming tutor. It provides help with writing programs.

When should you write a comment?

When you want to add a note, or to remind yourself of why you did something.

What do you do when you see **# TODO:** ?

You type the actual instructions to accomplish the task.

### Mission 2 Objective 10

Give an example of something that is case sensitive.

Number is not the same as number

Click on “underscore” to add it to your toolbox. What is the underscore used for?

It is used to join words together without a space to make meaningful and descriptive names.

What does an import statement do?

Import lets you access the objects and functions in a library.

What are Boolean values?	True and False
<b>Post-Mission Reflection</b>	
What is something you learned about programming today?	Answers will vary. An answer can be something specific, like turning on an LED or what a comment is, to something more reflective, like programming is cool, or I can write a program.